

IN THE CLAIMS

Please cancel claims 3 and 13 without prejudice or disclaimer.

Please amend claims 1, 4 and 14 to read as follows:

1. A thermal management system comprising a heat source having an external surface and a thermal interface which comprises an anisotropic flexible graphite sheet formed by compressing exfoliated particles of natural graphite and having a planar area greater than the area of the external surface of the heat source, the flexible graphite sheet being in direct operative contact with the heat source.

4. A thermal management system comprising a heat sink which comprises a graphite article shaped so as to provide a heat collection surface and at least one heat dissipation surface, and said system further comprising a thermal interface operatively connected to the heat sink, the thermal interface comprising an anisotropic flexible graphite sheet having two parallel planar surfaces extending in a direction parallel to the planar direction of the crystal structure of the graphite in the sheet, wherein arranging the heat collection surface of the graphite article in direct operative contact with one of said planar surfaces and arranging the other of said planar surfaces in direct operative contact with a heat source causes dissipation of heat from the heat source through the at least one heat dissipation surface of the graphite article.